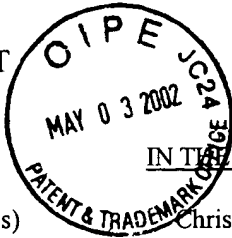


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PATENT



Docket No. 4362-4002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) Christopher Andrew Hinsley and Timothy Renouf

Serial No. : 10/084,780

Group Art Unit: 2122

Filed : February 25, 2002

Examiner: TO BE ASSIGNED

For : Translating And Executing Object-Oriented Computer Programs

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REQUEST FOR A CORRECTED FILING RECEIPT

Commissioner For Patents
Washington, D.C. 20231

Applicants respectfully request a Corrected Filing Receipt noting the following information:

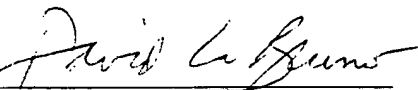
- 1) Domestic Priority data as claimed by applicants
THIS APPLICATION IS A CON OF PCT/GB00/03172 08/16/2000
- 2) Foreign Applications:
UNITED KINGDOM 9920676.5 09/01/1999

Applicants enclose a courtesy copy of the first page of the published PCT application (WO 01/16700 A3) indicating the corrected International Filing Date and Priority Data.

The Commissioner is hereby authorized to charge any additional fees which may be required for this amendment, or credit any overpayment to Deposit Account 13-4500, Order No. 4362-4002.

Dated: April 24, 2002

respectfully submitted,
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/084,780	02/25/2002	2122	1830	4362-4002	4	32	2

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New York, NY 10154-0053

Date Mailed: 03/29/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Christopher Andrew Hinsley, Workingham Berkshire, UNITED KINGDOM;
Timothy Renouf, Berkshire, UNITED KINGDOM;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A CON OF PCT/GB00/03172 ~~08/06/2000~~

03/16/2000

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Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

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Title

Translating and executing object-oriented computer programs

Preliminary Class

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(72) Inventors; and

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(75) Inventors/Applicants (for US only): HINSLEY, Christopher, Andrew [GB/GB]; 19 Martin's Drive, Wokingham, Berkshire RG41 1NY (GB). RENOUF, Timothy [GB/GB]; 20 Chesterfield Road, Newbury, Berkshire RG14 7QB (GB).

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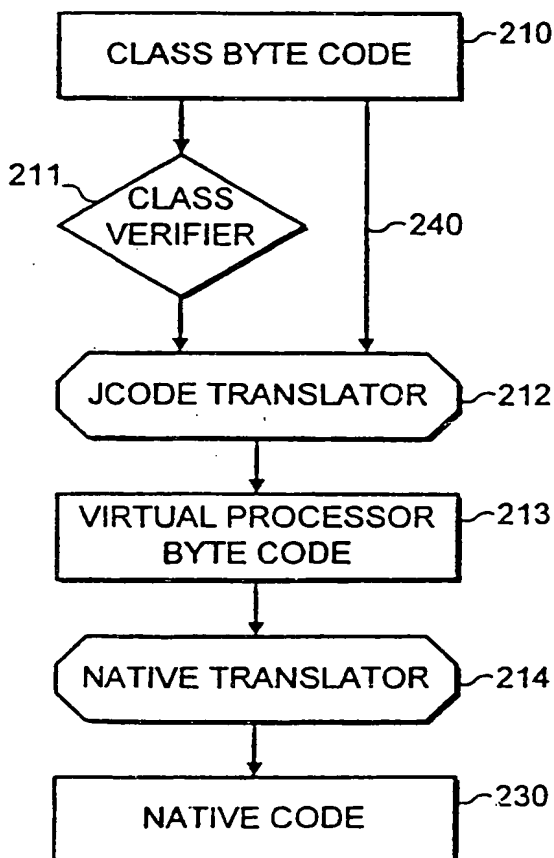
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[Continued on next page]

(54) Title: TRANSLATING AND EXECUTING OBJECT-ORIENTED COMPUTER PROGRAMS



(57) Abstract: A method of translating object-oriented computer programs into native code includes a two-step translation process, first by a code translator (212) into a machine-independent virtual processor code (213), and then by a native translator (214) into native code (230). In a heterogeneous multiprocessor environment, the machine-independent part of the translation can be carried out at the central server, with machine-independent virtual processor code being distributed as required to the individual clients. Each client then needs to carry just a small processor-dependent native translator (214) with which it completes the conversion into native code. The invention finds particular application in embedded systems, and particularly in heterogeneous-processor systems such as mobile phone networks.

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Filed : February 25, 2002 Examiner: TO BE ASSIGNED
For : Translating And Executing Object-Oriented Computer Programs

CERTIFICATE OF MAILING (37 C.F.R. 1.8a)

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Sir:

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Respectfully submitted,

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